

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	"5908122".pn. or "6442439".pn. or "6496765".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/21 10:44
S5	2	"20020158036"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/21 10:58
S6	9	("4547857"   "5550733"   "5731987"   "5785191"   "5908122"   "5961563"   "6039193").PN. OR ("6442439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 11:19
S7	64	212/272.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 12:41
S8	114	212/273.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 12:56
S9	145	crane and feed \$forward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 11:30
S10	871	crane and (feed \$forward or (model with crane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 11:30
S11	843	crane and length and resonance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 11:37
S12	1079	crane and length and resonan\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 11:38

S13	133	crane and length with resonan\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 11:38
S14	261	212/274.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 13:33
S15	6	("4603783"   "5117992"   "5490601").PN. OR ("5806696").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 13:38
S16	109	212/275.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 13:47
S17	4567	crane and (rope or cable) with length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:12
S18	22683	feed\$forward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:12
S19	1042015	oscillat\$3 or sway\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:13
S20	12	S17 and S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:13
S21	34	("2801351"   "3010035"   "3517830"   "3921818"   "4512711"   "4603783"   "4717029"   "4756432"   "4916635"   "4945294"   "4997095"   "5127533"   "5219420"   "5296791"   "5373460"   "5490601"   "5526946"   "5529193"   "5610848"   "5638267"   "5713478"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:56

		"5819963"   "5897006"   "5960969").PN. OR ("6102221").URPN.				
S22	11	crane with controller with (upgrad\$4 or detach\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 16:37
S23	69	crane with controller and existing with crane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 16:37
S24	1651	701/50.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 15:34
S25	413	700/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 16:11
S26	397	700/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 17:18
S27	107	700/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 17:24
S28	82	700/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 17:26
S29	1897	digital with filter with recursi\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 18:15
S30	31	digital with filter with recursi\$2 same (z \$transform\$5 or "z" adj transform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 18:15

S31	16	("3997770"   "4034196"   "4236224"   "4361893").PN. OR ("4569030").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 18:17
S32	31	digital with filter with recursi\$2 same (z \$transform\$5 or ("z" or "Z") adj transform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 18:23
S33	469	digital with filter same (z\$transform\$5 or ("z" or "Z") adj transform \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 18:23
S34	68	digital with filter same (z\$transform\$5 or ("z" or "Z") adj transform \$5) and laplac\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 18:25
S35	5	crane with model with filter and resonan\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:33
S36	9	crane with model with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 14:34
S37	2	"6442439".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 19:28

**EAST Search History (I nterference)**

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